Pen Ball
3D PRINTING GUIDE

3D Printing Summary

Metrics	Pen Ball Size		
	Small	Medium	Large
Total Print Time (min)	240	360	500
Total Number of Components	2	2	2
Typical Total Mass (g)	25	35	47
Typical Number of Print Setups	1	1	1

3D Printing Settings

Print File Name	Qty	Total Print Time (hr:min)	Mass (g)	Infill (%)	Support (Y/N)	Layer Height/ Nozzle Diameter (mm)	Notes (orientation, special settings, etc)
x_Pen_ball_y_Pen_hole.STL where "x" is the pen ball sizing and "y" is the pen hole sizing	1	240-500	25-48	20	N	0.2/0.4	- Print in orientation given when brought onto slicer bed

Post-Processing

- If you notice any blobs on the side of the device try using a blade to clean up the prints.

Customization Options

- If different sizing is required for the pen hole or palm pen diameter the sizes can be altered using the OpenSCAD file found on the GitHub "design files" folder. Access to the GitHub can be found on the project page of this device.

Examples of Quality Prints:

- Below are photos of what print quality is expected from printing this device.